Device to measure density of components

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Abstract of **DE19710835**

The measuring unit has a radiation source (4) for transmitting radiation at a predetermined absorption at the component part (2). Preferably the source is a gamma source. A detector (5a,b,c,d) determines the intensity of the transmitted radiation and has devices (9) to measure the thickness (D) of the region of the irradiated component part. The radiation source is connected to a holder (3), for the component to be tested. The radiation source may be integrated in the holder, which is insertable in the component part to be tested. The devices for measuring the thickness (D) may include a laser scanner and may be fixed relative to the holder of the component part to be tested.